

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1-3. (Cancelled)

4. (Currently Amended)      A method for quality control of a digital radio transmission in a medium or short wave range, the method comprising the steps of:

disposing at least one receiver station in or adjacent to a target area;

evaluating quality data of a received high frequency digital signal using the at least one receiver station so as to determine corresponding parameter values;

transmitting the corresponding parameter values to a broadcast transmitter, the transmitting being performed automatically via an Internet; and

influencing ~~at least one of a number of modulation stages and a coding of the transmission~~ using the transmitted corresponding parameter values.

5. (Cancelled)

6. (Previously Presented)      The method as recited in claim 4 wherein the transmission is a broadcast transmission.

7. (Previously Presented)      The method as recited in claim 4 further comprising storing the transmitted corresponding parameter values in a data base for performing a frequency prognosis.

8. (Previously Presented) A method for quality control of a digital radio transmission in a medium or short wave range, the method comprising the steps of:

disposing at least one receiver station in or adjacent to a target area;

evaluating quality data of a received high frequency digital signal using the at least one receiver station so as to determine corresponding parameter values;

transmitting the corresponding parameter values to a broadcast transmitter, the transmitting being performed automatically via the Internet; and

determining alternative transmit frequencies using the transmitted corresponding parameter values.

9. (Cancelled)

10. (Previously Presented) The method as recited in claim 8 wherein the transmission is a broadcast transmission.

11. (Previously Presented) The method as recited in claim 8 further comprising storing the transmitted corresponding parameter values in a data base for performing a frequency prognosis.

12. (Previously Presented) A method for quality control of a digital radio transmission in a medium or short wave range, the method comprising the steps of:

providing a feedback channel to an AM transmitter for digital signals received in a target area; and

using the feedback channel to provide a high reception quality and coverage reliability by preselecting a stronger coding or modulation for the target area.

13. (Previously Presented) A method for quality control of a digital radio transmission in a medium or short wave range, the method comprising the steps of:

providing a feedback channel to an AM transmitter for digital signals received in a target area; and

using the feedback channel to provide a high reception quality and coverage reliability by using alternative transmitting frequencies for a transmission of a program in conjunction with an automatic switchover.

14. (New) A method for quality control of a digital radio transmission in a medium or short wave range, the method comprising the steps of:

disposing at least one receiver station in or adjacent to a target area;

evaluating quality data of a received high frequency digital signal using the at least one receiver station so as to determine corresponding parameter values;

transmitting the corresponding parameter values to a broadcast transmitter having modulation stages, the transmitting being performed automatically via an Internet; and

influencing the number of the modulation stages using the transmitted corresponding parameter values.